

Internal Fibre Distribution Enclosure Connectorised version



Application & Product Description

The Internal Fibre Distribution Enclosure is used as a Floor Distributor Box or as a Building Entry Point in order to break out, splice and connect optical fibre cables at the point of entry into a building or to distribute individual fibre circuits to the accommodation/business units on a specific floor or zone of a larger MDU, MBU or for an entry point into a smaller building.

Using the Internal Fibre Distribution Enclosure in the building and floor areas can simplify the deployment and distribution of the fibres in the backbone infrastructure and speed up customer connections which can be completed when required.

The closure is a three-layer unit. The base has multiple cable entry points on all sides to suit different vertical and horizontal mounting positions and to enable the management of mid-span/in-line and cable end configurations. The base also provides fibre storage capacity. The hinged splice tray (side A) can support up to 27 splices (triple stacked) and includes features to accommodate passive optical splitters if required. The rear side (side B) of the splice tray has also fibre storage in order to give a better fibre maintenance.

The upper module has storage for 900µm pigtail cables and fixing points for up to 9 SC Duplex or LC Quad adapters enabling connectorisation of the backbone cable before connecting customers. Positive fibre management ensures 30mm minimum fibre bend radius is maintained throughout.

The enclosure cover is entirely removable to give clear access to the fibre storage, connector and splice areas. The cover is secured with a twist lock and can be customized with the network operator logo.

Technical Data

Dimensions (mm)	H	W	D
	154	104	69
Maximum number of adaptors	9 x SC Duplex or 9 x LC Quad		
Maximum number of splices	18 (up to 45mm)		
Weight (kg)	0.350		
Housing material	ABS		
Colour	White		

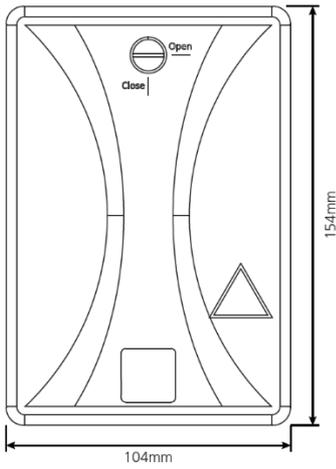
Features & Benefits

- Suitable for use as a Building Entry Point or Floor Distributor Unit
- 6 cable entry points around the closure – riser/backbone cables up to 9,0mm
- Up to 27 splices on dedicated splice tray
- Up to 3 optical splitters on dedicated location
- Separate exit area for drop customer cables with strain relief features
- Hinged management tray for storing fibre away from the splice management
- Maintains minimum 30mm bend radius making it suitable for G652D and G657 single mode fibre types
- High quality moulding with smooth curved edges to prevent potential damage to unprotected fibre
- Easy to follow and well supported fibre routes to maintain tangle free fibre management
- Quality surface finish
- Customer logo injected at the cover
- Engineered & Produced in EU (Portugal)

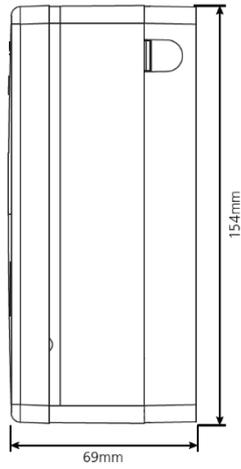
Standard Kit Accessories

- 2x Screws
- 2x Bushings
- 12x Splice sleeves 45mm
- 12x Cable ties
- 1x Laser Sticker
- 2x 3M double-face tape

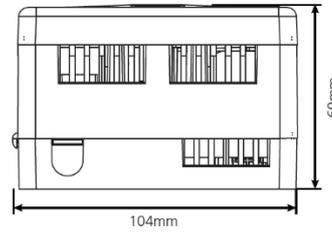
Technical Diagrams



Front View



Side View

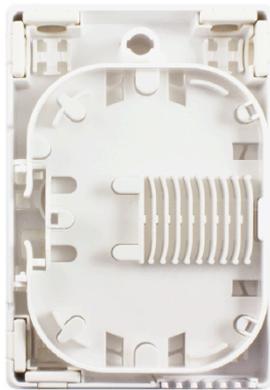


Base View

Additional Product Images



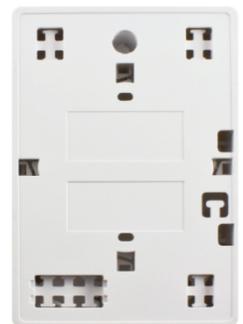
Layer 1:
Connector/Adaptor module
Area _ Tray Side B + Base



Layer 2:
Hinged Splice Management Tray



Layer 3:
Fibre Storage



Rear view

YOU SAY TELCO. WE SAY

Yeah.

Part Number 1010030000086
Description Internal Fibre Distribution Enclosure Connectorised type

END OF TECHNICAL DATASHEET

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